

REMOTE DATA TERMINAL ACCEPTANCE TEST

NOVEMBER 1979

1. General

The Remote Data Terminal (RDT) system acceptance test will be conducted in an on-line mode interfacing with the Sponsor's Host Data Switch (HDS) at the Government's facility in the Washington, D.C. area. The test will be conducted in accordance with the rules set forth in Paragraph 4.4.3 of the Statement of Work contained in the Functional Specifications. The COTR shall be the ruling authority on any question as to the validity of any procedure, operation or results of the acceptance test.

2. Content

The acceptance test will consist of the RDT system operating in an on-line mode with the HDS for a 120 hour period of continuous operation. During the acceptance test, the RDT system will be exercised under actual operating conditions to verify system compliance with the Functional Specifications and the Contractor's design. In addition, the COTR may, at his option, conduct any tests contained in the Factory Acceptance Test plan he deems appropriate to aid in the above verification during the 120 hour period.

3. Failures

In the event of an interruption caused by hardware failure, the problem will be corrected and the test continued. The duration of the interruption, however, will not be considered as part of the 120 hours of continuous operation.

Test failure due to software defects shall be analyzed and corrected and the decision to continue or restart the acceptance test will be made by the COTR. In no case, however, shall the acceptance test exceed fourteen calendar days without restarting the test.

Induced failures of the system for the purpose of software verification shall not be considered as an interruption to the acceptance test.

4. Hardware/Software Modifications

During the duration of the acceptance test, no changes to the system hardware or software shall be made without the approval of the COTR.

5. Participants

The acceptance test will be conducted by U.S. Government programmers and operators, assisted as required, by SCI project personnel. A Government programmer and a SCI representative will be present throughout the running of the acceptance test. In the absence of the COTR during the test, a Government programmer will be designated as the COTR's representative

who will act in accordance with the COTR's directions.

6. Inventory

As part of the acceptance process, a complete inventory will be conducted of all deliverables as described in the Statement of Work of the Functional Specifications, paragraph 4.4.3 which have not previously been submitted and inventoried. This inventory will be conducted by the COTR and a SCI representative.

APPENDIX III: RDT ALARMS MAP

ALERT

SCC Console Down
Invalid Command
Invalid Parameter
Message Not Found
Read Error-Try Again

Device Not Available

PRINCIPAL TEST OF ALERT

2.E.3
Self-testing
Self-testing
4.B.2.g
Not Tested-Cannot simulate disc
read error
2.D.1

STAT

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